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Series: Advances in Social Science, Education and Humanities Research

Proceedings of the 2nd International Conference on Social, Economic and Academic Leadership (ICSEAL 2018)

ACHIEVING ACADEMIC LEADERSHIP THROUGH TEACHING MATHEMATICAL METHODS IN ECONOMICS AND FINANCE





Achieving academic leadership through teaching mathematical methods in economics and finance

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linear constraints on variables often arise in economics and finance. We present educational method (in fact, a blueprint of a course) which explains financial and economic problems taking into account modern achievements in mathematical computer modeling. As an example, we outline an educational approach which teaches portfolio investments theory using mathematical optimization methods. The educational approach proposed and formulated in this paper allows us to provide the market with professionals, who possess fluent knowledge of the methods used for investing and construction of an optimal securities portfolio, and, most importantly, are capable of further self-development of their skills and knowledge in this field.

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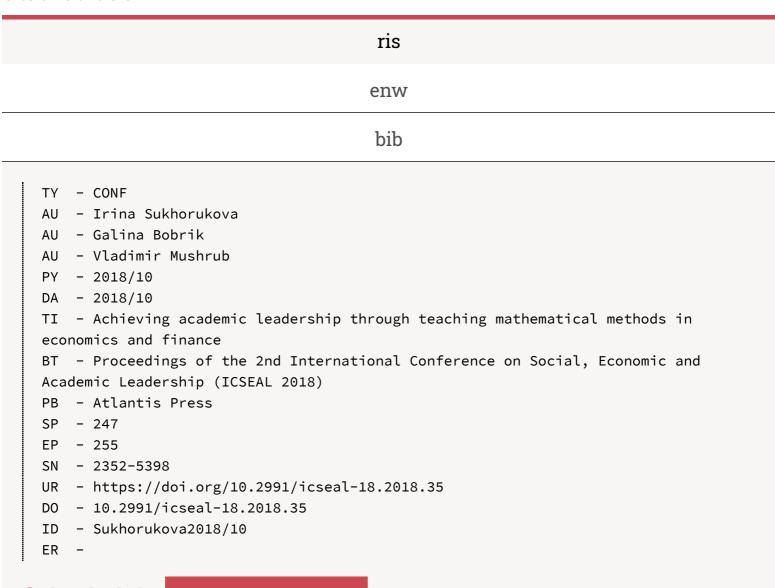
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